

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	r2d2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:05
L2	8	l1 and rnai	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:11
L3	0	NM adj "135308"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:12
L4	0	NM near2 "135308"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:12
L5	29	"135308"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 14:12

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Welcome to STN International! Enter x:x

LOGINID:SSSPTALVW1635

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 21	IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
NEWS	4	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	5	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	6	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	7	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	8	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	9	JAN 30	Saved answer limit increased
NEWS	10	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	11	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	12	FEB 22	Status of current WO (PCT) information on STN
NEWS	13	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	14	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	15	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	16	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	17	FEB 28	TOXCENTER reloaded with enhancements
NEWS	18	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	19	MAR 01	INSPEC reloaded and enhanced
NEWS	20	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	21	MAR 08	X.25 communication option no longer available after June 2006
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:15:52 ON 17 MAR 2006

=> file medline biosis caplus embase
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:16:08 ON 17 MAR 2006

FILE 'BIOSIS' ENTERED AT 14:16:08 ON 17 MAR 2006

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FILE 'CAPLUS' ENTERED AT 14:16:08 ON 17 MAR 2006

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FILE 'EMBASE' ENTERED AT 14:16:08 ON 17 MAR 2006

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=> s r2d2

L1 92 R2D2

=> s l1 and rnai

L2 26 L1 AND RNAI

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 12 DUP REM L2 (14 DUPLICATES REMOVED)

=> d ti so au py 1-12

L3 ANSWER 1 OF 12 MEDLINE on STN DUPLICATE 1
TI Short Interfering RNA Strand Selection Is Independent of dsRNA Processing
Polarity during **RNAi** in Drosophila.
SO Current biology : CB, (2006 Mar 7) Vol. 16, No. 5, pp. 530-5.
Journal code: 9107782. ISSN: 0960-9822.
AU Preall Jonathan B; He Zhengying; Gorra Jeffrey M; Sontheimer Erik J
PY 2006

L3 ANSWER 2 OF 12 MEDLINE on STN DUPLICATE 2
TI Dicer-1 and R3D1-L catalyze microRNA maturation in Drosophila.
SO Genes & development, (2005 Jul 15) Vol. 19, No. 14, pp. 1674-9.
Electronic Publication: 2005-06-28.
Journal code: 8711660. ISSN: 0890-9369.
AU Jiang Feng; Ye Xuecheng; Liu Xiang; Fincher Lauren; McKearin Dennis; Liu
Qinghua
PY 2005

L3 ANSWER 3 OF 12 MEDLINE on STN
TI Passenger-strand cleavage facilitates assembly of siRNA into
Ago2-containing **RNAi** enzyme complexes.
SO Cell, (2005 Nov 18) Vol. 123, No. 4, pp. 607-20. Electronic Publication:
2005-11-03.
Journal code: 0413066. ISSN: 0092-8674.
AU Matranga Christian; Tomari Yukihide; Shin Chanseok; Bartel David P; Zamore
Phillip D
PY 2005

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
TI MicroRNAs: Loquacious Speaks out
SO Current Biology (2005), 15(15), R603-R605
CODEN: CUBLE2; ISSN: 0960-9822
AU Leuschner, Philipp J. F.; Obernosterer, Gregor; Martinez, Javier
PY 2005

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI The RISC component VIG is a target for dsRNA-independent protein kinase activity in *Drosophila* S2 cells
 SO Journal of RNAi and Gene Silencing (2005), 1(1), 12-20
 CODEN: JRGSBX; ISSN: 1747-0854
 URL: <http://www.libpubmedia.co.uk/RNAiJ-Issues/Issue-1/Ivanov.pdf>
 AU Ivanov, Konstantin I.; Tselykh, Timofey V.; Heino, Tapio I.; Makinen, Kristiina
 PY 2005

L3 ANSWER 6 OF 12 MEDLINE on STN DUPLICATE 3
 TI A protein sensor for siRNA asymmetry.
 SO Science, (2004 Nov 19) Vol. 306, No. 5700, pp. 1377-80.
 Journal code: 0404511. E-ISSN: 1095-9203.
 AU Tomari Yukihide; Matranga Christian; Haley Benjamin; Martinez Natalia; Zamore Phillip D
 PY 2004

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI **RNAi**: ancient mechanism with a promising future
 SO Experimental Gerontology (2004), 39(7), 985-998
 CODEN: EXGEAB; ISSN: 0531-5565
 AU Geley, Stephan; Muller, Christiane
 PY 2004

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI **RNAi** mechanisms in *Drosophila* and in human
 SO Jikken Igaku (2004), 22(4), 470-476
 CODEN: JIIGEF; ISSN: 0288-5514
 AU Ishizuka, Akira; Kamada, Sigeki; Siomi, Mikiko C.
 PY 2004

L3 ANSWER 9 OF 12 MEDLINE on STN DUPLICATE 4
 TI The nuclear dsRNA binding protein HYL1 is required for microRNA accumulation and plant development, but not posttranscriptional transgene silencing.
 SO Current biology : CB, (2004 Feb 17) Vol. 14, No. 4, pp. 346-51.
 Journal code: 9107782. ISSN: 0960-9822.
 AU Vazquez Franck; Gasciolli Virginie; Crete Patrice; Vaucheret Herve
 PY 2004

L3 ANSWER 10 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Asymmetric assembly of the **RNAi** enzyme complex.
 SO Biochemical Society Transactions, (August 2004) Vol. 32, No. Part 4, pp. 29A. print.
 Meeting Info.: BioScience2004: From Molecules to Organisms. Glasgow, UK. July 18-22, 2004. The Biochemical Society.
 CODEN: BCSTB5. ISSN: 0300-5127.
 AU Tomari, Yukihide; Du, Tingting; Haley, Benjamin; Hutvagner, Gyorgy; Matranga, Christian; Schwarz, Dianne; Zamore, Phillip D.
 PY 2004

L3 ANSWER 11 OF 12 MEDLINE on STN DUPLICATE 5
 TI **R2D2**, a bridge between the initiation and effector steps of the *Drosophila* **RNAi** pathway.
 SO Science, (2003 Sep 26) Vol. 301, No. 5641, pp. 1921-5.
 Journal code: 0404511. E-ISSN: 1095-9203.
 AU Liu Qinghua; Rand Tim A; Kalidas Savitha; Du Fenghe; Kim Hyun-Eui; Smith Dean P; Wang Xiaodong
 PY 2003

L3 ANSWER 12 OF 12 MEDLINE on STN DUPLICATE 6
 TI **R2D2** leads the silencing trigger to mRNA's death star.
 SO Cell, (2003 Oct 17) Vol. 115, No. 2, pp. 132-3.

Journal code: 0413066. ISSN: 0092-8674.
AU Pellino Janice L; Sontheimer Erik J
PY 2003

=> d his

(FILE 'HOME' ENTERED AT 14:15:52 ON 17 MAR 2006)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:16:08 ON 17 MAR 2006

L1 92 S R2D2
L2 26 S L1 AND RNAI
L3 12 DUP REM L2 (14 DUPLICATES REMOVED)

=> s l1 and dicer

L4 31 L1 AND DICER

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 13 DUP REM L4 (18 DUPLICATES REMOVED)

=> dup rem l1

PROCESSING COMPLETED FOR L1

L6 44 DUP REM L1 (48 DUPLICATES REMOVED)

=> s l6 and drosophila

L7 14 L6 AND DROSOPHILA

=> d ti so au py 1-14

L7 ANSWER 1 OF 14 MEDLINE on STN
TI Short Interfering RNA Strand Selection Is Independent of dsRNA Processing
Polarity during RNAi in **Drosophila**.
SO Current biology : CB, (2006 Mar 7) Vol. 16, No. 5, pp. 530-5.
Journal code: 9107782. ISSN: 0960-9822.
AU Preall Jonathan B; He Zhengying; Gorra Jeffrey M; Sontheimer Erik J
PY 2006

L7 ANSWER 2 OF 14 MEDLINE on STN
TI Molecular requirements for RNA-induced silencing complex assembly in the
Drosophila RNA interference pathway.
SO The Journal of biological chemistry, (2005 Nov 25) Vol. 280, No. 47, pp.
39278-83. Electronic Publication: 2005-09-22.
Journal code: 2985121R. ISSN: 0021-9258.
AU Pham John W; Sontheimer Erik J
PY 2005

L7 ANSWER 3 OF 14 MEDLINE on STN
TI Passenger-strand cleavage facilitates assembly of siRNA into
Ago2-containing RNAi enzyme complexes.
SO Cell, (2005 Nov 18) Vol. 123, No. 4, pp. 607-20. Electronic Publication:
2005-11-03.
Journal code: 0413066. ISSN: 0092-8674.
AU Matranga Christian; Tomari Yukihide; Shin Chanseok; Bartel David P; Zamore
Phillip D
PY 2005

L7 ANSWER 4 OF 14 MEDLINE on STN
TI MicroRNAs: Loquacious speaks out.
SO Current biology : CB, (2005 Aug 9) Vol. 15, No. 15, pp. R603-5. Ref: 20
Journal code: 9107782. ISSN: 0960-9822.
AU Leuschner Philipp J F; Obernosterer Gregor; Martinez Javier
PY 2005

L7 ANSWER 5 OF 14 MEDLINE on STN

TI Dicer-1 and R3D1-L catalyze microRNA maturation in **Drosophila**.
 SO Genes & development, (2005 Jul 15) Vol. 19, No. 14, pp. 1674-9.
 Electronic Publication: 2005-06-28.
 Journal code: 8711660. ISSN: 0890-9369.
 AU Jiang Feng; Ye Xuecheng; Liu Xiang; Fincher Lauren; McKearin Dennis; Liu Qinghua
 PY 2005

L7 ANSWER 6 OF 14 MEDLINE on STN
 TI A protein sensor for siRNA asymmetry.
 SO Science, (2004 Nov 19) Vol. 306, No. 5700, pp. 1377-80.
 Journal code: 0404511. E-ISSN: 1095-9203.
 AU Tomari Yukihide; Matranga Christian; Haley Benjamin; Martinez Natalia; Zamore Phillip D
 PY 2004

L7 ANSWER 7 OF 14 MEDLINE on STN
 TI The nuclear dsRNA binding protein HYL1 is required for microRNA accumulation and plant development, but not posttranscriptional transgene silencing.
 SO Current biology : CB, (2004 Feb 17) Vol. 14, No. 4, pp. 346-51.
 Journal code: 9107782. ISSN: 0960-9822.
 AU Vazquez Franck; Gasciolli Virginie; Crete Patrice; Vaucheret Herve
 PY 2004

L7 ANSWER 8 OF 14 MEDLINE on STN
 TI **R2D2** leads the silencing trigger to mRNA's death star.
 SO Cell, (2003 Oct 17) Vol. 115, No. 2, pp. 132-3.
 Journal code: 0413066. ISSN: 0092-8674.
 AU Pellino Janice L; Sontheimer Erik J
 PY 2003

L7 ANSWER 9 OF 14 MEDLINE on STN
 TI **R2D2**, a bridge between the initiation and effector steps of the **Drosophila** RNAi pathway.
 SO Science, (2003 Sep 26) Vol. 301, No. 5641, pp. 1921-5.
 Journal code: 0404511. E-ISSN: 1095-9203.
 AU Liu Qinghua; Rand Tim A; Kalidas Savitha; Du Fenghe; Kim Hyun-Eui; Smith Dean P; Wang Xiaodong
 PY 2003

L7 ANSWER 10 OF 14 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Plant RNA interference in vitro.
 SO Cold Spring Harbor Symposia on Quantitative Biology, (2004) Vol. 69, pp. 403-408.
 CODEN: CSHSAZ. ISSN: 0091-7451.
 AU Matranga, C. [Reprint Author]; Zamore, P. D.
 PY 2004

L7 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
 TI The RISC component VIG is a target for dsRNA-independent protein kinase activity in **Drosophila** S2 cells
 SO Journal of RNAi and Gene Silencing (2005), 1(1), 12-20
 CODEN: JRGSBX; ISSN: 1747-0854
 URL: <http://www.libpubmedia.co.uk/RNAiJ-Issues/Issue-1/Ivanov.pdf>
 AU Ivanov, Konstantin I.; Tselykh, Timofey V.; Heino, Tapio I.; Makinen, Kristiina
 PY 2005

L7 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Purification of **Drosophila** siRNA-generating enzymic complex containing Dicer and **R2D2** proteins and its recombinant coexpression in insect cells using a baculovirus expression system
 SO U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO
IN Wang, Xiaodong; Liu, Qinghua
PY 2005

L7 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
TI RNAi: ancient mechanism with a promising future
SO Experimental Gerontology (2004), 39(7), 985-998
CODEN: EXGEAB; ISSN: 0531-5565
AU Geley, Stephan; Muller, Christiane
PY 2004

L7 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
TI RNAi mechanisms in **Drosophila** and in human
SO Jikken Igaku (2004), 22(4), 470-476
CODEN: JIIGEF; ISSN: 0288-5514
AU Ishizuka, Akira; Kamada, Sigeki; Siomi, Mikiko C.
PY 2004

=> s NM_135308
L8 0 NM_135308

=> s 135308
L9 0 135308

=> s "NM_135308"
L10 0 "NM_135308"

=> s "135308"
L11 0 "135308"

=> s cg7138
L12 0 CG7138

=> s dcr-2
L13 52 DCR-2

=> s l13 and (complex or complexes or interaction)
L14 28 L13 AND (COMPLEX OR COMPLEXES OR INTERACTION)

=> dup rem l14
PROCESSING COMPLETED FOR L14
L15 15 DUP REM L14 (13 DUPLICATES REMOVED)

=> d ti so au py 1-15

L15 ANSWER 1 OF 15 MEDLINE on STN DUPLICATE 1
TI Short Interfering RNA Strand Selection Is Independent of dsRNA Processing
Polarity during RNAi in Drosophila.
SO Current biology : CB, (2006 Mar 7) Vol. 16, No. 5, pp. 530-5.
Journal code: 9107782. ISSN: 0960-9822.
AU Preall Jonathan B; He Zhengying; Gorra Jeffrey M; Sontheimer Erik J
PY 2006

L15 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods for identification of compounds affecting RNA interference through
modulation of armitage activity and derived therapeutic applications
SO PCT Int. Appl., 119 pp.
CODEN: PIXXD2
IN Theurkauf, William E.; Zamore, Phillip D.
PY 2005
2005
2005

L15 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN

TI Purification of Drosophila siRNA-generating enzymic **complex**
 containing Dicer and R2D2 proteins and its recombinant coexpression in
 insect cells using a baculovirus expression system
 SO U.S. Pat. Appl. Publ., 5 pp.
 CODEN: USXXCO
 IN Wang, Xiaodong; Liu, Qinghua
 PY 2005

L15 ANSWER 4 OF 15 MEDLINE on STN DUPLICATE 2
 TI Molecular requirements for RNA-induced silencing **complex**
 assembly in the Drosophila RNA interference pathway.
 SO The Journal of biological chemistry, (2005 Nov 25) Vol. 280, No. 47, pp.
 39278-83. Electronic Publication: 2005-09-22.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Pham John W; Sontheimer Erik J
 PY 2005

L15 ANSWER 5 OF 15 MEDLINE on STN
 TI Dicer-1 and R3D1-L catalyze microRNA maturation in Drosophila.
 SO Genes & development, (2005 Jul 15) Vol. 19, No. 14, pp. 1674-9.
 Electronic Publication: 2005-06-28.
 Journal code: 8711660. ISSN: 0890-9369.
 AU Jiang Feng; Ye Xuecheng; Liu Xiang; Fincher Lauren; McKearin Dennis; Liu
 Qinghua
 PY 2005

L15 ANSWER 6 OF 15 MEDLINE on STN
 TI Passenger-strand cleavage facilitates assembly of siRNA into
 Ago2-containing RNAi enzyme **complexes**.
 SO Cell, (2005 Nov 18) Vol. 123, No. 4, pp. 607-20. Electronic Publication:
 2005-11-03.
 Journal code: 0413066. ISSN: 0092-8674.
 AU Matranga Christian; Tomari Yukihide; Shin Chanseok; Bartel David P; Zamore
 Phillip D
 PY 2005

L15 ANSWER 7 OF 15 MEDLINE on STN
 TI MicroRNAs: Loquacious speaks out.
 SO Current biology : CB, (2005 Aug 9) Vol. 15, No. 15, pp. R603-5. Ref: 20
 Journal code: 9107782. ISSN: 0960-9822.
 AU Leuschner Philipp J F; Obernosterer Gregor; Martinez Javier
 PY 2005

L15 ANSWER 8 OF 15 MEDLINE on STN
 TI A protein sensor for siRNA asymmetry.
 SO Science, (2004 Nov 19) Vol. 306, No. 5700, pp. 1377-80.
 Journal code: 0404511. E-ISSN: 1095-9203.
 AU Tomari Yukihide; Matranga Christian; Haley Benjamin; Martinez Natalia;
 Zamore Phillip D
 PY 2004

L15 ANSWER 9 OF 15 MEDLINE on STN
 TI Plant RNA interference in vitro.
 SO Cold Spring Harbor symposia on quantitative biology, (2004) Vol. 69, pp.
 403-8.
 Journal code: 1256107. ISSN: 0091-7451.
 AU Matranga C; Zamore P D
 PY 2004

L15 ANSWER 10 OF 15 MEDLINE on STN DUPLICATE 3
 TI A Dicer-2-dependent 80s **complex** cleaves targeted mRNAs during
 RNAi in Drosophila.
 SO Cell, (2004 Apr 2) Vol. 117, No. 1, pp. 83-94.
 Journal code: 0413066. ISSN: 0092-8674.
 AU Pham John W; Pellino Janice L; Lee Young Sik; Carthew Richard W;

PY Sontheimer Erik J
2004

L15 ANSWER 11 OF 15 MEDLINE on STN
TI Distinct roles for Drosophila Dicer-1 and Dicer-2 in the siRNA/miRNA
silencing pathways.
SO Cell, (2004 Apr 2) Vol. 117, No. 1, pp. 69-81.
Journal code: 0413066. ISSN: 0092-8674.
AU Lee Young Sik; Nakahara Kenji; Pham John W; Kim Kevin; He Zhengying;
Sontheimer Erik J; Carthew Richard W
PY 2004

L15 ANSWER 12 OF 15 MEDLINE on STN DUPLICATE 4
TI R2D2, a bridge between the initiation and effector steps of the Drosophila
RNAi pathway.
SO Science, (2003 Sep 26) Vol. 301, No. 5641, pp. 1921-5.
Journal code: 0404511. E-ISSN: 1095-9203.
AU Liu Qinghua; Rand Tim A; Kalidas Savitha; Du Fenghe; Kim Hyun-Eui; Smith
Dean P; Wang Xiaodong
PY 2003

L15 ANSWER 13 OF 15 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
TI Phosphatidylglycerol requirement for the function of electron acceptor
plastoquinone QB in the photosystem II reaction center.
SO Biochemistry, (March 19, 2002) Vol. 41, No. 11, pp. 3796-3802. print.
CODEN: BICHAW. ISSN: 0006-2960.
AU Gombos, Zoltan; Varkonyi, Zsuzsanna; Hagio, Miki; Iwaki, Masayo; Kovacs,
Laszlo; Masamoto, Kazumori; Itoh, Shigeru; Wada, Hajime [Reprint author]
PY 2002

L15 ANSWER 14 OF 15 MEDLINE on STN DUPLICATE 5
TI Characterisation and expression analysis of the WDR9 gene, located in the
Down critical region-2 of the human chromosome 21.
SO Biochimica et biophysica acta, (2002 Sep 27) Vol. 1577, No. 3, pp. 377-83.
Journal code: 0217513. ISSN: 0006-3002.
AU Ramos Veronica C; Vidal-Taboada Jose; Bergonon Salvador; Egeo Aliana;
Fisher Elizabeth M C; Scartezzini Paolo; Oliva Rafael
PY 2002

L15 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2006 ACS on STN
TI Evidence for oscillations in the interlayer coupling of iron films across
chromium films from spin waves and M(H) curves
SO Europhysics Letters (1991), 15(8), 881-6
CODEN: EULEEJ; ISSN: 0295-5075
AU Demokritov, S.; Wolf, J. A.; Gruenberg, P.
PY 1991

=> d his

(FILE 'HOME' ENTERED AT 14:15:52 ON 17 MAR 2006)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:16:08 ON 17 MAR 2006

L1 92 S R2D2
L2 26 S L1 AND RNAI
L3 12 DUP REM L2 (14 DUPLICATES REMOVED)
L4 31 S L1 AND DICER
L5 13 DUP REM L4 (18 DUPLICATES REMOVED)
L6 44 DUP REM L1 (48 DUPLICATES REMOVED)
L7 14 S L6 AND DROSOPHILA
L8 0 S NM 135308
L9 0 S 135308
L10 0 S "NM 135308"
L11 0 S "135308"

L12 0 S CG7138
L13 52 S DCR-2
L14 28 S L13 AND (COMPLEX OR COMPLEXES OR INTERACTION)
L15 15 DUP REM L14 (13 DUPLICATES REMOVED)

=> s dicer and recombinant

L16 77 DICER AND RECOMBINANT

=> dup rem l16

PROCESSING COMPLETED FOR L16

L17 39 DUP REM L16 (38 DUPLICATES REMOVED)

=> s l17 not py>2003

L18 14 L17 NOT PY>2003

=> d ti so au py 1-14

L18 ANSWER 1 OF 14 MEDLINE on STN

TI The crystal structure of the Argonaute2 PAZ domain reveals an RNA binding motif in RNAi effector complexes.

SO Nature structural biology, (2003 Dec) Vol. 10, No. 12, pp. 1026-32. Electronic Publication: 2003-11-16.

Journal code: 9421566. ISSN: 1072-8368.

AU Song Ji-Joon; Liu Jidong; Tolia Niraj H; Schneiderman Jonathan; Smith Stephanie K; Martienssen Robert A; Hannon Gregory J; Joshua-Tor Leemor

PY 2003

L18 ANSWER 2 OF 14 MEDLINE on STN

TI Resistance of human hepatitis delta virus RNAs to **dicer** activity.

SO Journal of virology, (2003 Nov) Vol. 77, No. 22, pp. 11910-7.

Journal code: 0113724. ISSN: 0022-538X.

AU Chang Jinhong; Provost Patrick; Taylor John M

PY 2003

L18 ANSWER 3 OF 14 MEDLINE on STN

TI R2D2, a bridge between the initiation and effector steps of the Drosophila RNAi pathway.

SO Science, (2003 Sep 26) Vol. 301, No. 5641, pp. 1921-5.

Journal code: 0404511. E-ISSN: 1095-9203.

AU Liu Qinghua; Rand Tim A; Kalidas Savitha; Du Fenghe; Kim Hyun-Eui; Smith Dean P; Wang Xiaodong

PY 2003

L18 ANSWER 4 OF 14 MEDLINE on STN

TI Characterization of RNA interference in an Anopheles gambiae cell line.

SO Insect biochemistry and molecular biology, (2003 Sep) Vol. 33, No. 9, pp. 949-57.

Journal code: 9207282. ISSN: 0965-1748.

AU Hoa N T; Keene K M; Olson K E; Zheng L

PY 2003

L18 ANSWER 5 OF 14 MEDLINE on STN

TI **Recombinant Dicer** efficiently converts large dsRNAs into siRNAs suitable for gene silencing.

SO Nature biotechnology, (2003 Mar) Vol. 21, No. 3, pp. 324-8. Electronic Publication: 2003-02-18.

Journal code: 9604648. ISSN: 1087-0156.

AU Myers Jason W; Jones Joshua T; Meyer Tobias; Ferrell James E Jr

PY 2003

L18 ANSWER 6 OF 14 MEDLINE on STN

TI siRNAs generated by **recombinant** human **Dicer** induce specific and significant but target site-independent gene silencing in human cells.

SO Nucleic acids research, (2003 Feb 1) Vol. 31, No. 3, pp. 981-7.
Journal code: 0411011. E-ISSN: 1362-4962.

AU Kawasaki Hiroaki; Suyama Eigo; Iyo Mayu; Taira Kazunari
PY 2003

L18 ANSWER 7 OF 14 MEDLINE on STN
TI Human **Dicer** preferentially cleaves dsRNAs at their termini
without a requirement for ATP.

SO The EMBO journal, (2002 Nov 1) Vol. 21, No. 21, pp. 5875-85.
Journal code: 8208664. ISSN: 0261-4189.

AU Zhang Haidi; Kolb Fabrice A; Brondani Vincent; Billy Eric; Filipowicz
Witold
PY 2002

L18 ANSWER 8 OF 14 MEDLINE on STN
TI Ribonuclease activity and RNA binding of **recombinant** human
Dicer.

SO The EMBO journal, (2002 Nov 1) Vol. 21, No. 21, pp. 5864-74.
Journal code: 8208664. ISSN: 0261-4189.

AU Provost Patrick; Dishart David; Doucet Johanne; Friendewey David;
Samuelsson Bengt; Radmark Olof
PY 2002

L18 ANSWER 9 OF 14 MEDLINE on STN
TI A Drosophila fragile X protein interacts with components of RNAi and
ribosomal proteins.

SO Genes & development, (2002 Oct 1) Vol. 16, No. 19, pp. 2497-508.
Journal code: 8711660. ISSN: 0890-9369.

AU Ishizuka Akira; Siomi Mikiko C; Siomi Haruhiko
PY 2002

L18 ANSWER 10 OF 14 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
TI Mouse ribonuclease III. cDNA structure, expression analysis, and
chromosomal location.

SO BMC Genomics, (August 21 2002 2002) Vol. 3, No. 26 Cited October 28, 2002.
<http://www.biomedcentral.com/1471-2164>. online.
ISSN: 1471-2164.

AU Fortin, Kristine R.; Nicholson, Rhonda H.; Nicholson, Allen W. [Reprint
author]
PY 2002; 2002

L18 ANSWER 11 OF 14 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
TI Expression of small interfering RNAs targeted against HIV-1 rev
transcripts in human cells.

SO Nature Biotechnology, (May, 2002) Vol. 20, No. 5, pp. 500-505. print.
ISSN: 1087-0156.

AU Lee, Nan Sook; Dohjima, Taikoh; Bauer, Gerhard; Li, Haitang; Li, Ming-jie;
Ehsani, Ali; Salvaterra, Paul; Rossi, John [Reprint author]
PY 2002

L18 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
TI RNAi-mediated gene silencing by tRNA-shRNA expression vector and diced
siRNA libraries

SO Idenshi Igaku (2003), 7(3), 333-337
CODEN: IDIGF4; ISSN: 1343-0971

AU Kawasaki, Hiroaki; Taira, Kazunari
PY 2003

L18 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
TI Development of siRNA libraries by in vitro dicing and optimized efficient
expression vectors for siRNAs in mammalian cells

SO Tanpakushitsu Kakusan Koso (2003), 48(11, Zokango), 1638-1645
CODEN: TAKKAJ; ISSN: 0039-9450

AU Kawasaki, Hiroaki; Miyagishi, Makoto; Taira, Kazunari
PY 2003

L18 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of siRNA library using **recombinant Dicer**
SO RNAi Jikken Purotokoru (2003), 166-171. Editor(s): Taira, Kazunari.
Publisher: Yodosha, Tokyo, Japan.
CODEN: 69EFQK; ISBN: 4-89706-410-4
AU Kawasaki, Hiroaki; Taira, Kazunari
PY 2003

=> d his

(FILE 'HOME' ENTERED AT 14:15:52 ON 17 MAR 2006)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:16:08 ON 17 MAR 2006

L1 92 S R2D2
L2 26 S L1 AND RNAI
L3 12 DUP REM L2 (14 DUPLICATES REMOVED)
L4 31 S L1 AND DICER
L5 13 DUP REM L4 (18 DUPLICATES REMOVED)
L6 44 DUP REM L1 (48 DUPLICATES REMOVED)
L7 14 S L6 AND DROSOPHILA
L8 0 S NM_135308
L9 0 S 135308
L10 0 S "NM_135308"
L11 0 S "135308"
L12 0 S CG7138
L13 52 S DCR-2
L14 28 S L13 AND (COMPLEX OR COMPLEXES OR INTERACTION)
L15 15 DUP REM L14 (13 DUPLICATES REMOVED)
L16 77 S DICER AND RECOMBINANT
L17 39 DUP REM L16 (38 DUPLICATES REMOVED)
L18 14 S L17 NOT PY>2003

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